GCCS/DII COE System Integration Support

DII COE Segment System Requirement Specifications (for cbif_IRCC Version 1.0.0.0/2.8.21 for HP-UX 10.x)

May 15, 1997

Prepared for:

DISA/JEJA
ATTN: Claire Burchell
45335 Vintage Park Plaza
Sterling, VA 20166-6701

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Prepared by:

Computer Sciences Corporation
Defense Enterprise Integration Services
Four Skyline Place
5113 Leesburg Pike, Suite 700
Falls Church, VA 22041

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Defense Information Infrastructure (DII)

Common Operating Environment (COE)

Segment System Requirement Specifications for Character-Based Interface Internet Relay Chat Client (cbif_IRCC) Version 1.0.0.0/2.8.21 (HP-UX 10.x)

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Preface

The following conventions are used in this document:

Bold	Used for information that is typed, pressed, or selected in executables and instructions. For example, select **connect to host**.
Italics	Used for file names, directories, scripts, commands, user IDs, document names, and Bibliography references; and any unusual computerese the first time it is used in text.
<u>Underline</u>	Used for emphasis.
Arrows <>	Used to identify keys on the keyboard. For example <Return>.
"Quotation Marks"	Used to identify informal, computer-generated queries and reports, or coined names; and to clarify a term when it appears for the first time. For example "Data-Generation Report."
`Courier Font`	Used to denote anything as it appears on the screen or command lines. For example `tar xvf dev/rmt/3mm`.
Capitalization	Used to identify keys, screen icons, screen buttons, field, and menu names.

1. System Requirement Specifications (SRS) for cbif_IRCC

This document contains the System Requirement Specifications for the Character-Based Interface Internet Relay Chat Client (cbif_IRCC) segment for the Defense Information Infrastructure (DII) for HP-based machines.

1.1 Scope

1.1.1 Identification

This section contains identification information for the cbif_IRCC segment:

Segment Name: cbif_IRCC. This software is released by the Free Software Foundation.

Version Number: The Common Operating Environment (COE) version number is Version 1.0.0.0 (V1.0.0.0). The product version number is V2.8.21.

Platform: HP Platform with HP-UX 10.x.

1.2 System Overview

This section contains the system overview for the cbif_IRCC segment:

Purpose: This software provides real-time teleconferencing ability between multiple users.

Usage: This software is used whenever a character-based teleconferencing functionality is required.

2. Referenced Documents

None.

3. Requirements

3.1 Required States and Modes

Software is required to operate in character-based mode.

3.2   Character-Based Capability Requirement

Must provide character-based interface to the IRC client software.

3.3   External Interface Requirements

None.

3.4   Internal Interface Requirements

None.

3.5   Internal Data Requirements

None.

3.6   Adaptation Requirements

None.

3.7   Safety Requirements

None.

3.8   Security and Privacy Requirements

None.

3.9   Software Environment Requirements

Must have the Character-Based Interface Account Group Installed on the target system.

3.10   Computer Resource Requirements

The following are the computer resource requirements for the cbif_IRCC segment:

- C   Memory requirement is 1024 Kbytes
- C   Disk requirement for HP/HP-UX is 130 Kbytes.

3.11   Software Quality Factors

None.

3.12   Design and Implementation Constraints

None.

3.13   Personnel Related Requirements

None.

3.14   Logistics Related Requirements

None.

3.15   Other Requirements

None.

3.16   Critical Requirements

None.

4.   Qualification Provisions

The software qualifications are verified by the underlying shareware.

5.   Requirements Traceability

These requirements are traceable to the DII Engineering Office's tasking for this product's delivery.

6.   Notes

None.

A.   Appendices

None.